

Abstract of the Disclosure

The objective lens embodying the invention is a single plano-convex lens that is supported by a fine actuator such that the flat surface faces to the MO disc. The fine actuator drives the objective lens in the optical axis direction to focus the laser beam onto the recording layer of the MO disc. The optical axis of the objective lens is coaxial with the center axis of the laser beam. The objective lens is provided with an outer flange formed around the edge thereof to be held by a lens frame of the fine actuator. The objective lens is made by using compression molding technique, and it is made from glass whose refractive index is higher than 1.6 at wavelengths of the laser beam emitted from the semiconductor laser.